

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

37 CFR § 1.98

Attorney's Docket No.  
07917-105001Application No.  
09/689,992Applicant  
Mello et al.Filing Date  
October 13, 2000Group Art Unit  
1637**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TS	AA	4,469,863	09/1984	Ts'o et al.			
	AB	4,511,713	04/1985	Miller et al.			
	AC	5,034,323	07/1991	Jorgensen et al.			
	AD	5,107,065	04/1992	Shewmaker			
	AE	5,190,931	03/1993	Inouye			
	AF	5,208,149	05/1993	Inouye			
	AG	5,258,369	11/1993	Carter			
	AH	5,272,065	12/1993	Inouye			
	AI	5,365,015	11/1994	Grierson et al.			
	AJ	5,453,566	09/1995	Shewmaker			
	AK	5,738,985	04/1998	Miles			
	AL	5,795,715	08/1998	Livache			
	AM	5,874,555	02/1999	Dervan			
	AN	6,010,908	01/2000	Gruenert et al.			
TS	AO	6,136,601	10/2000	Meyer, Jr. et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TS	AP	WO 00/01846	01/2000	PCT				
	AQ	WO 00/63364	10/2000	WIPO				
	AR	WO 99/32619	07/1999	WIPO				
	AS	WO 99/53050	10/1999	WIPO				
TS	AT	WO 99/61631	12/1999	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
TS	AU	Baker et al., <i>Current Biology</i> , 10:1071-1074 (2000).

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TS	AV	Bass, <i>Cell</i> , 101:235-238 (2000).
	AW	Bastin et al., <i>J Cell Science</i> 113:3321-332 (2000).
	AX	Baulcombe et al., <i>Science</i> 290:1108-1109 (2000).
	AY	Baulombe, <i>Curr. Biol.</i> 9:R599-R601 (1999)
	AZ	Baum et al., <i>Biochem Biophys Res Comm</i> 114:41-49 (1983).
	BA	Bhat et al., <i>Cell</i> 96:833-845 (1999).
	BB	Bosher et al., <i>Nature Cell Biology</i> 2:E31-E36 (2000).
	BC	Bosher et al., <i>Genetics</i> 153:1245-1256 (1999).
	BD	Caplen et al., <i>Gene</i> 252:95-105 (2000).
	BE	Catalanotto et al., <i>Nature</i> 404:245 (2000).
	BF	Chuang et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:4985-4990 (2000).
	BG	Colussi et al., <i>J Cell Biology</i> 148:703-714 (2000).
	BH	Denef et al., <i>Cell</i> 102:521-531 (2000).
	BI	Dolnick, <i>Pharmacol Ther</i> 75:179-184 (1997).
	BJ	Domeier et al., <i>Science</i> 289:1928-1930 (2000).
	BK	Driver et al., <i>Nature Biotechnology</i> 17:1184-1187 (1999).
	BL	Fagard et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:11650-11654 (2000).
	BM	Fraser et al., <i>Nature</i> 408:325-330 (2000).
	BN	Fire et al., <i>Trends Genet</i> , 15:358-363 (1999).
	BO	Fire et al., <i>Development</i> 113:503-514 (1991).
	BP	Fire, A et al., <i>Worm Breeder's Gazette</i> 15(3):8 (1998).
	BQ	Fire, A et al., <i>Nature</i> 391:806-11 (1998).
	BS	Fortier et al., <i>Genesis</i> 26:240-244 (2000).
	BT	Grieson, D. et al., <i>Trends in Biotechnology</i> 9:122-123 (1991).
	BU	Grishok et al., <i>Science</i> 287:2494-2497 (2000).
	BV	Guo, S. and Kempfues, K. <i>Cell</i> 81:611-620 (1995).
	BW	Hammond et al., <i>Nature</i> 404:293-296 (2000).
TS	BX	Harbinder et al., <i>Proc Natl Acad Sci USA</i> 94:13128-131133 (1997).

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(37 CFR §1.99(b))

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
TS	BY	Harcourt et al., <i>Virology</i> 252:179-188 (1998).
	CA	Harfe, B et al., <i>Genes and Development</i> 12:2623-2635 (1998).
	CB	Hill et al., <i>Genetics</i> 155:1139-1148 (2000).
	CC	Hsieh et al., <i>Genes &amp; Development</i> 13:2958-2970 (2000).
	CD	Huang et al., <i>Neuron</i> 25:57-67 (2000).
	CE	Hughes et al., <i>Development</i> 127:3683-3694 (2000).
	CF	Hunter <i>Current Biology</i> 10:R137-R140 (2000).
	CG	Hunter <i>Current Biology</i> 9:R440-R442 (1999).
	CH	Jacobs et al., <i>Virology</i> 219:339-349 (1996).
	CI	Jorgensen, R.A. et al., <i>Science</i> 279:1486-1487 (1998).
	CJ	Jorgensen, R.A. et al., <i>Trends in Genetics</i> 15:11-12 (1999).
	CK	Kelly et al., <i>Development</i> 125:2451-2456 (1998).
	CL	Kennerdell et al., <i>Nature Biotechnology</i> 17: 896-898 (2000).
	CM	Kennerdell et al., <i>Cell</i> 95:1017-1026 (1998).
	CN	Ketting et al., <i>Cell</i> 99:133-141, (1999).
	CO	Ketting and Plasterk, <i>Nature</i> 404:296-298 (2000).
	CP	Kim et al., <i>Science</i> 288:150-154 (2000).
	CQ	Klafl et al., <i>Plant Mol Biol</i> 32:89-106 (1996).
	CR	Kostich et al., <i>J Cell Science</i> 113:2595-2606 (2000).
	CS	Kumar and Carmichael, <i>Microbiol Mol Biol Rev</i> 62:1415-1434 (1988).
	CT	Lam et al., <i>Current Biology</i> 10:957-963 (2000).
	CU	Lewis et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:4504-4509 (2000).
	CV	Li et al., <i>Development Biology</i> 217:394-405 (2000).
	CW	Liu et al., <i>Development</i> 127:5179-5190 (2000).
	CX	Liu et al., <i>Molecular Biology Cell</i> 11:3937-3947 (2000).
TS	CY	Lohmann et al., <i>Developmental Biology</i> 214:211-214 (1999).

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T.S.	CZ	Maine, <i>Genome Biology</i> 1:1018.1-1018.4 (2000).
	DA	Marx <i>Science</i> 288:1370-1372 (2000).
	DB	Matzke et al., <i>Plant Physiology</i> 107:679-685 (1995).
	DC	Mello et al., <i>EMBO J.</i> 10:3959 (1991).
	DD	Mello et al., <i>Methods in Cell Biol.</i> 48:451-482 (1995).
	DE	Metzlaff, M., et al., <i>Cell</i> 88:845-854 (1997).
	DF	Mette et al., <i>EMBO Journal</i> 19:5194-5201 (2000).
	DG	Melendez et al., <i>Genetics</i> 155:1127-1137 (2000).
	DH	Misquitta, et al., <i>Proc. Natl. Acad. Sci. USA</i> 96:1451-1456 (1999).
	DI	Montgomery M K et al., <i>Trends In Genetics</i> 14:255-258 (1998).
	DJ	Montgomery, M.K. et al., <i>Proc. Natl. Acad. Sci. USA</i> 95:15502-15507 (1998).
	DK	Nakano et al., <i>Biochemical Biophysical Research Communications</i> 274:434-439 (2000).
	DL	Nellen, W., and Lichtenstein, C. <i>Trends in Biochemical Sciences</i> 18:419-423 (1993).
	DM	Ngo, H. et al., <i>Proc. Natl. Acad. Sci. USA</i> 95: 14687-14692 (1998).
	DN	Oates et al., <i>Developmental Biology</i> 224:20-28 (2000).
	DO	Oelgeschlager et al., <i>Nature</i> 405:757-763 (2000).
	DP	Parrish et al., <i>Molecular Cell</i> 6:1077-1087 (2000).
	DQ	Pichler et al., <i>Development</i> 127:2063-2073 (2000).
	DR	Pineda et al., <i>PNAS</i> 97:4525-4529 (2000).
	DS	Plasterk et al., <i>Curr Opinion Genetics and Development</i> 10:562-567 (2000).
	DT	Pratt et al., <i>Nucl Acids Res</i> 16:3497-3510 (1998).
	DU	Proud, C.G. <i>Trends in Biochemical Sciences</i> 20:241-246 (1995).
	DV	Ratcliff F. et al., <i>Science</i> 276:1558-1560 (1997).
	DX	Rocheleau <i>Cell</i> 90:707 (1997)
	DY	Sanchez-Alvarado et al., <i>Proc. Nat. Acad. Sci. USA</i> 96:5049-5054 (1999).
	DZ	Sawa et al., <i>Molecular Cell</i> 6:617-624 (2000).
T.S.	EA	Seydoux, G., et al., <i>Nature</i> 382:713-716 (1996).

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TS	EA	Sharp et al., <i>Science</i> 287:2431-2433 (2000).
	EB	Sharp, P.A. <i>Genes and Development</i> 13:139-141 (1999).
	EC	Shi et al., <i>RNA</i> 6:1069-1076 (2000).
	ED	Shippy et al., <i>Genetics</i> 155:721-731 (2000).
	EE	Stam, M., et al., <i>Annals of Botany</i> 79:3-12 (1997).
	EF	Stauber et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:10844-10849 (2000).
	EG	Suzuki et al., <i>Proc Natl Acad Sci USA</i> 96:2285-2290 (1999).
	EH	Svoboda et al., <i>Development</i> 127:4147-4156 (2000).
	EI	Tabara et al., <i>Cell</i> 99:123-132 (1999).
	EJ	Tabara, H., et al., <i>Science</i> 282:430-431 (1998).
	EK	Tabara et al., <i>Development</i> 126:1 (1999).
	EL	Tavernarakis et al., <i>Nature Genetics</i> 24:180-183 (2000).
	EM	Thompson, <i>Nature Biotechnology</i> 17:1158-1159 (1999).
	EO	Timmons et al., <i>Nature</i> 395:854 (1998).
	EP	Tuschi et al., <i>Genes Dev</i> , 13:3191-3197 (1999).
	EQ	Ui-Tei et al., <i>FEBS Letters</i> 479:79-82 (2000).
	ER	Wagner et al., <i>Nature</i> 391:744-745 (1998).
	ES	Wang et al., <i>J Biological Chemistry</i> 276:315-319 (2001).
	ET	Wargelius et al., <i>Biochem Biophys Res Comm</i> 263:156-161 (1999).
	EU	Wianny et al., <i>Nature Cell Biology</i> 2:70-75 (2000).
	EV	Waterhouse, et al., <i>Proc. Natl. Acad. Sci. USA</i> 95:13959-13964 (1998).
	EW	Waterston et al., <i>Nature Genetics</i> 1:114-123 (1992).
	EX	Willert et al., <i>Development</i> 126:4165-4173 (1999).
	EY	Wilson et al., <i>Nature</i> 368:32-38 (1994).
	EZ	Wu-Scharf et al., <i>Science</i> 290:1159-1162 (2000).
	FA	Yang et al., <i>Current Biology</i> 10:1191-1200 (2000).
TS	FB	Zamore et al., <i>Cell</i> 101:25-33 (2000).

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